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(54) Title: MICROPARTICLES FOR SELECTIVELY TARGETED HYPERTHERMIA

(57) Abstract: A microparticle composition(s) comprising nanomagnetic particles and a matrix, wherein said microparticle composition(s) have a least one of the following properties: (a) a VAR of at least about 1 Watts/cm<sup>3</sup> subject to appropriate field conditions; (b) a density of about 2.7 or less; or (c) a size of about 100 nm to about 200 microns.